

Message Text

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ACTION EB-08

INFO OCT-01 EUR-12 ISO-00 DODE-00 NSAE-00 USIA-06
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C O N F I D E N T I A L SECTION 01 OF 03 PARIS 02145

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EXCON

E.O. 11652: XGDS1
TAGS: ESTC, COCOM
SUBJECT: COCOM DISCUSSION ON IL 1091 AND IL 1500 NI

REF: A) COCOM DOC. DEF(77)1091/17, B) COCOM DOC.
DEF 1091/42 REVISED, C) STATE 004184, D) PARIS 01858,
E) STATE 009596

1. SUMMARY. AT COCOM DISCUSSIONS JANUARY 17-19, ALL
DELEGATIONS BUT U.S. REAFFIRMED THEIR SUPPORT OF
BELGIAN IL 1091 PROPOSAL DECONTROLLING THREE-AXIS
NUMERICAL CONTROL UNITS AND LIBERALIZING CONTROLS OVER
LARGE MACHINE TOOLS. ALL DELEGATIONS EXCEPT GERMANY
HAD MAJOR DIFFICULTIES WITH US 1500 NI PROPOSAL
PRIMARILY BECAUSE IT RETAINS THE EMBARGO CONCEPT
BASED ON MICROPROCESSORS, MINICOMPUTERS AND COMPUTERS
AND PROPOSES EXTENSION OF EMBARGO CONTROLS OVER ALL
CONTOURING NUMERICAL CONTROL UNITS INCORPORATED ON
MACHINES. BASED ON PRESENT POSITIONS OF OTHER
MEMBERS, THERE WOULD APPEAR TO BE LITTLE HOPE OF GETTING
AGREEMENT FOR BROADENING CONTROLS OVER NC
UNITS UNLESS THE US IS PREPARED TO DECONTROL TWO-AXIS
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CNC'S AND TO LIBERALIZE THREE-AXIS NC'S. END SUMMARY

2. ON JANUARY 17-19 BELGIAN IL 1091 AND US
IL 1091/1500NI PROPOSALS (REFS A AND B) WERE DISCUSSED
AT SPECIAL COCOM CONFERENCE. AT OPENING FULL
COMMITTEE SESSION BELGIAN DELEGATION STATED THAT
BELGIUM WOULD NOT SEND ANY MORE TECHNICIANS TO

PARTICIPATE IN 1091 DISCUSSIONS UNLESS PRESENT
NEGOTIATIONS RESULTED IN APPROVAL OF BELGIAN PROPOSAL
OR IN ACCEPTABLE COMPROMISE WHICH WOULD HELP MACHINE
TOOL INDUSTRY IN BELGIUM. BELGIAN DEL NOTED THAT
U.S. IL 1091 PROPOSAL WAS STILL VERY CONSERVATIVE
SINCE IT MADE NO CHANGES FROM PREVIOUS U.S. SUBMISSION
WITH REGARD TO TRAVEL AND HORSEPOWER PARAMETERS.
IN STATEMENT INTRODUCING U.S. PROPOSAL, USDEL
RESPONDED THAT BELGIAN PROPOSAL WAS STILL UNDER ACTIVE
STUDY BY U.S. AND THAT IT WAS ANTICIPATED THAT THERE
WOULD BE U.S. POSITION IN TIME FOR THE LIST REVIEW.
USDEL REMINDED COMMITTEE THAT WHEN PRESENT MEETING
WAS BEING SCHEDULED LAST NOVEMBER, U.S. HAD MADE IT
CLEAR THAT IT WOULD NOT BE PREPARED TO TAKE DEFINITIVE
POSITION ON BELGIAN PROPOSAL IN JANUARY NEGOTIATIONS.

3. IN JANUARY 17 TECHNICAL WORKING GROUP (TWG) ON
BELGIAN PROPOSAL, THE U.S. REITERATED USG CONCERNS
REGARDING A BROAD LIBERALIZATION OF LARGE MACHINE
TOOLS AND QUERIED BELGIAN AND OTHER DELEGATIONS ON
WHETHER A COMPROMISE COULD BE REACHED BY LIBERALIZING
ONLY FLOOR-TYPE HORIZONTAL BORING MILLS WITH THE
TRAVEL AND HORSEPOWER CUTOFFS PROPOSED BY THE BELGIANS.
OTHER DELEGATIONS EXPRESSED CONSIDERABLE INTEREST IN
THIS TYPE OF APPROACH. THE BELGIAN DELEGATION
INDICATED GENERAL CONCURRENCE TO IDEA OF RETAINING
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THE 3000 MM CUTOFF IN THE DEFINITION IF THE Y-TRAVEL
COULD BE INCREASED TO 5000 MM IN THE PROPOSED
ADMINISTRATIVE EXCEPTIONS NOTE. BOTH ITALY AND THE
U.K. EXPRESSED A PREFERENCE TO INCREASE THE 3000
MM X-TRAVEL CUT-OFF IN THE DEFINITION, WITH THE U.K.
FAVORING 5000 MM AND ITALY NOT SPECIFYING A FIGURE.
GERMANY INDICATED IT MIGHT MAKE PROPOSAL TO EXEMPT
FROM EMBARGO CERTAIN LARGE MACHINE TOOLS (35,000 MM
TRAVEL) USED IN DIESEL ENGINE MANUFACTURE. (FOLLOWING
1091 TWG, BELGIAN TECHNICIANS TOLD USDEL THAT THEY
HAD FOUND DISCUSSION VERY USEFUL. BELGIUM
DID NOT PARTICIPATE IN REST OF CONFERENCE.)

4. IN FULL COMMITTEE THE U.S. INDICATED THAT THE USG
WOULD GIVE FURTHER SERIOUS CONSIDERATION TO THE
BELGIAN PROPOSAL IN LIGHT OF THE DISCUSSIONS OF THE
WORKING GROUP. IT WAS AGREED THAT THE OTHER MEMBERS
WOULD GIVE FURTHER STUDY TO APPROACH SUGGESTED BY
U.S. (PARA 3). AT FINAL SESSION OF CONFERENCE, OTHER

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DELEGATIONS EXPRESSED HOPE THAT U.S. COULD HAVE FINAL POSITION ON BELGIAN PROPOSAL BEFORE THE LIST REVIEW. NETHERLANDS MADE SUGGESTION (SUPPORTED BY OTHERS) THAT IF U.S. WOULD NOT HAVE FINAL POSITION IN NEAR FUTURE, IT COULD PERHAPS APPROVE BELGIAN PROPOSAL WITH VALIDITY UNTIL END OF FIRST SESSION OF THE LIST REVIEW. USDEL INDICATED THAT IT WOULD REFER THIS IDEA TO ITS AUTHORITIES BUT SAID IT DID NOT KNOW WHEN THERE WOULD BE RESPONSE. USDEL SUCCESSFULLY RESISTED CHAIRMAN'S ATTEMPT TO SET DATE FOR U.S. RESPONSE ON THIS IDEA.

5. AT JANUARY 18-19 TWG DISCUSSION OF U.S. 1500 NI PROPOSAL, ONLY GERMANY SPOKE OUT IN SUPPORT OF THAT PROPOSAL WHICH IT SAID IT COULD ACCEPT WITH CERTAIN INCREASES IN CUTOFFS IN NOTE 1. THE TWG DISCUSSION UNDERSCORED THE FOLLOWING SIGNIFICANT PROBLEM AREAS WHICH NEED TO BE RESOLVED IF AGREEMENT IS TO BE REACHED ON 1500 NI.

A. THE GENERAL OPPOSITION TO EXTENSION OF EMBARGO CONTROLS OVER ALL CONTOURING NUMERICAL CONTROL UNITS REGARDLESS OF THE TYPE OF MACHINE OR EQUIPMENT THEY ARE USED WITH OR INCORPORATED ON.

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B. THE INTEREST OF OTHER MEMBERS IN SEEING:

(1) ABOLISHMENT OF THE DISTINCTION DRAWN IN THE U.S. PROPOSAL BETWEEN NUMERICAL CONTROL UNITS CONTAINING MICROPROCESSORS, MINICOMPUTERS AND THOSE WHICH DO NOT (THE EMBEDDED ISSUE);

(2) A GREATER LIBERALIZATION OF THREE-AXIS NUMERICAL CONTROL UNITS.

(3) A MODIFICATION OF THE U.S. STANCE ON DNC SYSTEMS TO PERMIT SIMPLE, UNSOPHISTICATED DNC'S TO BE EXPORTED;

(4) AN INCREASE IN THE CUTOFFS IN NOTE 1 TO TAKE INTO ACCOUNT DIFFERENT NC DESIGN CONCEPTS FOUND IN EUROPEAN NC SYSTEMS. (THE U.S. FALLBACK POSITIONS (REF C) WERE ADEQUATE EXCEPT FOR PRIMARY MEMORY. INCREASES WOULD ALSO BE NECESSARY FOR TOTAL CONNECTED CAPACITY AND ACCESS TIME TO MEET OTHER MEMBERS' POSITIONS.)

6. WITH REGARD TO ITEM 5 A ABOVE, ON BASIS OF THE DISCUSSIONS, THERE SEEMS TO BE LITTLE HOPE THAT U.S. CAN GET AGREEMENT ON STRENGTHENING CONTROLS OVER NC UNITS WITHOUT (A) DECONTROLLING 2-AXIS CNC UNITS BY ABOLISHING THE DISTINCTION BETWEEN HARDWIRED UNITS AND THOSE UNITS WITH EMBEDDED COMPUTERS; AND (B) LIBERALIZING CONTROLS OVER UNATTACHED THREE-AXIS CNC UNITS; AND (C) INCREASING THE CUTOFFS IN NOTE 1. ALL DELEGATIONS EXCEPT GERMANY WERE CONCERNED OVER THE PROSPECT OF APPLYING EMBARGO CONTROLS OVER UNEMBARGOED ITEMS SUCH AS WOODWORKING MACHINES, TUBE BENDERS, ETC. BECAUSE OF THE INCORPORATION OF CONTOURING NUMERICAL CONTROLS ON THIS TYPE OF EQUIPMENT. (IT

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APPEARED EVIDENT FROM DISCUSSION THAT SEVERAL MEMBERS DO NOT NOW CONSIDER CONTOURING NC'S EMBARGOED IF MOUNTED ON UNEMBARGOED, NON-METAL REMOVAL EQUIPMENT.) ALMOST ALL DELEGATIONS WERE EQUALLY DISTURBED BY EFFORTS OF U.S. TO EXTEND EMBARGO CONTROLS OVER ALL DNC SYSTEMS WITHOUT CONSIDERATION FOR SIMPLE

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SYSTEMS USED, FOR EXAMPLE, TO DRIVE DRAFTING MACHINES.
ANY AGREEMENT IN THIS ISSUE WOULD CLEARLY REQUIRE
SOME DIFFERENTIATION BETWEEN LARGE COMPLEX SYSTEMS OF
STRATEGIC SIGNIFICANCE AND THESE SIMPLER SYSTEMS.

7. WITH REGARD TO THE "EMBEDDED ISSUE", THE NETHERLANDS
DELEGATION REITERATED THEIR OPPOSITION TO EMBARGOING
ITEMS BECAUSE THEY CONTAIN MICROPROCESSORS OR
COMPUTERS. IT SUBMITTED PROPOSAL (COCOM DOC DEF 1091/43
PROC(78)1) WHICH ARGUES THAT ISSUE WAS RESOLVED IN 1974
LIST REVIEW AND CALLS FOR MEETING BEFORE NEXT LIST
REVIEW ON THIS PROBLEM. TEXT OF PROPOSAL IN REF D)

8. DISCUSSION OF THE U.S. 1091 PROPOSAL RAISED THE
FOLLOWING AREAS OF DISAGREEMENT (IN ADDITION TO FACT
THAT IT DOES NOT ADDRESS MAJOR ELEMENTS OF BELGIAN
PROPOSAL):

A. DEFINITION OF POSITIONING ACCURACY IS STILL
UNACCEPTABLE TO SEVERAL DELEGATIONS AND GERMANY
RECOMMENDED ITS DELETION.

B. THE 0.5 DEGREE LIMITATION ON THE POSITIONING OF
THE ROTARY AXIS IS MAJOR CONCERN TO ALL DELEGATIONS
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SINCE THEY CONSIDER IT AN EXTENSION OF THE EMBARGO.

C. OTHER DELEGATIONS RECOMMENDED THAT IF U.S. WISHES
TO COVER TRANSDUCERS (AS IN SUB-ITEM B) IT WOULD
BE MORE APPROPRIATE IN IL 1568 OR IL 1093. IN
ACCORDANCE WITH INSTRUCTIONS REF E, USDEL INDICATED

THAT IT WOULD BE SUBMITTING FORMAL DEFINITIONAL
PROPOSAL FOR INCLUSION UNDER IL 1093. (ACTION
REQUESTED: USDEL REQUESTS WORDING FOR SUCH A PROPOSAL
ALONG WITH JUSTIFICATION.)

8. ADDITIONAL TECHNICAL DETAILS OF THE
JAN 17-19 DISCUSSIONS WILL FOLLOW SEPTTEL.

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Message Attributes

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